

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below under my name.

I believe that I am an original, sole and or joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MODEM WAKE-UP AT STEADY STATE IN A MODEM POOL ENVIRONMENT**  
the Specification of which

☐ is attached hereto  
☒ was filed on **November 28, 2000**  
as United States Application Number or PCT International  
Application No. **09/722,486**  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified Specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any provisional application filed in the United States in accordance with 35 U.S.C. §1.119(e), or any application for patent that has been converted to a Provisional Application within one (1) year of its filing date, or any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**PRIOR FILED APPLICATION(S)**

<u>APPLICATION</u> <u>NUMBER</u>	<u>COUNTRY</u>	<u>(DAY/MONTH/YEAR FILED)</u>	<u>PRIORITY</u> <u>CLAIMED</u>
-------------------------------------	----------------	-------------------------------	-----------------------------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a), which occurred

between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NO.	FILING DATE (DAY/MONTH/YEAR)	STATUS - PATENTED, PENDING, ABANDONED
09/510,550	22 February 2000	Pending
60/121,228	23 February 1999	Expired

I hereby appoint as my attorney(s) and agent(s) Heidi M. Brun (Agent, Registration No. 35,104), or Daniel J. Swirsky (Agent, Registration No. 45, 148) or Mark S. Cohen (Attorney, Registration No. 42, 425) or Rochel L. Abboudi (Agent, Registration No. 44,490) or Suzanne Erez (Agent, Registration No. 46,688) said attorney(s) and agent(s) with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence regarding this application to:

EITAN, PEARL, LATZER, & COHEN-ZEDEK  
ONE CRYSTAL PARK, SUITE 210  
2011 CRYSTAL DRIVE  
ARLINGTON, VA 22202-3709

Direct all telephone calls to (703) 486-0600 and all facsimiles at (703) 486-0800.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR: GOREN, Dan

FULL RESIDENCE ADDRESS: 25 Givati Street, Ramat-Hen, Ramat Gan 52232  
Israel

COUNTRY OF CITIZENSHIP: Israel

FULL POST OFFICE ADDRESS: same

SIGNATURE OF INVENTOR x Dan Goren

DATE x 19/8/01

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

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I believe that I am an original, sole and or joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

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☐ is attached hereto  
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Application No. **09/722,486**  
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<b><u>APPLICATION</u></b> <b><u>NUMBER</u></b>	<b><u>COUNTRY</u></b>	<b><u>(DAY/MONTH/YEAR FILED)</u></b>	<b><u>PRIORITY</u></b> <b><u>CLAIMED</u></b>
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ARLINGTON, VA 22202-3709

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FULL NAME OF INVENTOR: KANTSCHUK, Amir

FULL RESIDENCE ADDRESS: 7 Haetzel Street, Ramat Gan 52284, Israel

COUNTRY OF CITIZENSHIP: Israel

FULL POST OFFICE ADDRESS: same

SIGNATURE OF INVENTOR A. Kantschuk

DATE 19.02.2001

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☒ New  
☐ Resubmission (Non-Recordation) --  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name (line 1)   
Name (line 2)

Execution Date  
Month Day Year  
**August 19,  
2001**

**Second Party**

Name (line 1)   
Name (line 2)

Execution Date  
Month Day Year  
**September  
12, 2001**

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)   
Name (line 2)   
Address (line 1)   
Address (line 2)   
Address (line 3)     
City State/Country Zip Code

If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name   
Address (line 1)   
Address (line 2)   
Address (line 3)   
Address (line 4)

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to take approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data need to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number

(703) 486-0600

Name Eitan, Pearl, Latzer & Cohen-Zedek

Address (line 1) One Crystal Park, Suite 210, 2011 Crystal Drive

Address (line 2) Arlington, VA 22202-3709

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/722,486

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

Fee amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

05-0649

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Heidi M. Brun

Name of Person Signing

Signature

November 14, 2001

Date

## **ASSIGNMENT**

*In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, I the undersigned, GOREN, Dan residing at 25 Givati Street, Ramat-Hen, Ramat Gan 52232, Israel; KANTSCHUK, Amir residing at 7A Etzel Street, Ramat Gan 52284, Israel;*

*Hereby sell, assign and transfer to **Actelis Networks Inc.** located at 6150 Stevenson Blvd., Fremont, CA 94538,, USA, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 09/722,486 filed November 28, 2000 and is entitled*

### **MODEM WAKE-UP AT STEADY STATE IN A MODEM POOL ENVIRONMENT**

*and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;*

*Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and*

documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: X 19/8/01  
 Witness: X Eshai Itani [Signature]  
 X Eshai Itani [Name]  
 X Dolev, D.N. Meelich [Address]  
ISRAEL

X Dan Goren [L.S.]  
 GOREN, Dan

Date: X 12/9/01  
 Witness: X Hilay Motofa [Signature]  
 X Miki Motofa [Name]  
 X K. Ruchama 79180 [Address]

X Kantschuk [L.S.]  
 KANTSCHUK, Amir

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14.NOV.2001 16:16

EITAN PEARL LATZER+COHEN-ZEDEK

.on247 .nu2

## EITAN, PEARL, LATZER & COHEN-ZEDEK

ADVOCATES, NOTARIES AND PATENT ATTORNEYS

Via: ☒ 6 pages via FAX  
(Advance Notice)  
☐ Confirmation via Courier

Main Office - 2 Gav Yam Center  
7 Shenkar St., Herzlia 48725 ISRAEL  
PO Box 12688, Herzlia 48733 ISRAEL

Telephone: 972 - 9 - 970 9000  
Facsimile: 972 - 9 - 970 9001  
E-mail: main@technolawgy.co.il

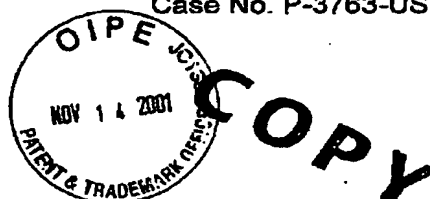
### ORDER LETTER

Date: 14 November 2001

Case No. P-3763-US

TO: David Hunt  
Landon & Stark Associates Inc.  
One Crystal Park, Suite 210  
2011 Crystal Drive  
Arlington, VA 22202-3709, U.S.A.

Facsimile No.: 1-703-892-4510



Re: US Patent Application

Applicant(s): GOREN, Dan et al.

US Serial No.: 09/722,486

US Filing Date: November 28, 2000

Title: MODEM WAKE-UP AT STEADY STATE IN A  
MODEM POOL ENVIRONMENT

Our reference: P-3763-US

Please file with the United States Patent and Trademark Office TODAY the following documents:

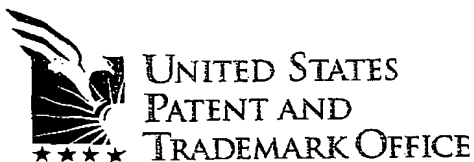
		Enclosed	Follows	Please Supply
1.	Recordation Form Cover Sheet - Form PTO-1619A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.	Signed Assignment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.	Duplicate copy of this order letter for stamping by the U.S. Patent Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.	Other	<input type="checkbox"/>	<input type="checkbox"/>	
REMARKS/SPECIAL INSTRUCTIONS: Please confirm receipt, as well as filing the assignment, by return facsimile to: 972-9-970-9001.				

Yours sincerely,

*Heidi M. Brun*  
Heidi M. Brun

EITAN, PEARL, LATZER & COHEN-ZEDEK

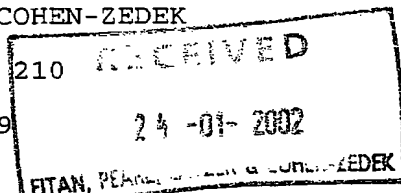
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JANUARY 15, 2002

PTAS  
EITAN, PEARL, LATZER & COHEN-ZEDEK  
HEIDI M. BRUN  
ONE CRYSTAL PARK, SUITE 210  
2011 CRYSTAL DRIVE  
ARLINGTON, VA 22202-3709

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*101897318A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/14/2001

REEL/FRAME: 012305/0539  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
GOREN, DAN

DOC DATE: 08/19/2001

ASSIGNOR:  
KANTSCHUK, AMIR

DOC DATE: 09/12/2001

ASSIGNEE:  
ACTEILS NETWORKS INC.  
6150 STEVENSON BLVD.  
FREMONT, CALIFORNIA 94538

SERIAL NUMBER: 09722486  
PATENT NUMBER:

FILING DATE: 11/28/2000  
ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

EPLC  
Received

JAN 22 2002

By: 74

14.NOV.2001 16:16

EITAN PEARL LATZER+COHEN-ZEDEK

.on247 .nu3

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

11-19-2001

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101897318

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New  
☐ Resubmission (Non-Recordation)

Document ID#

- ☐ Correction of PTO Error

Reel #

Frame #

- ☐ Corrective Document

Reel #

Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement

- ☐ License

- ☐ Change of Name

- ☐ Merger

- ☐ Other

U.S. Government  
(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

- ☐ Mark if additional names of conveying parties attached

Name (line 1) GOREN, Dan

Execution Date  
Month Day YearAugust 19,  
2001

Name (line 2)

Second Party

Name (line 1) KANTSCHUK, Amir

Execution Date  
Month Day YearSeptember  
12, 2001

Name (line 2)

**Receiving Party**

- ☐ Mark if additional names of receiving parties attached

Name (line 1) Actelis Networks Inc.

Name (line 2)

Address (line 1) 6150 Stevenson Blvd., Fremont

Address (line 2)

Address (line 3) California

USA

94538

City

State/Country

Zip Code

If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT****Correspondent Name and Address**

Area Code and Telephone Number

(703) 486-0600

Name Eltan, Pearl, Latzer & Cohen-ZedekAddress (line 1) One Crystal Park, Suite 210, 2011 Crystal DriveAddress (line 2) Arlington, VA 22202-3709

Address (line 3)

Address (line 4)

**Pages**Enter the total number of pages of the attached conveyance document  
including any attachments.# 2**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/22,486If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.**Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1**Fee Amount**

Fee amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☐Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

05-0649

Authorization to charge additional fees:

Yes ☒No ☐**Statement and Signature***To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.*Heidi M. Brun

Name of Person Signing

Heidi M. Brun  
SignatureNovember 14, 2001

Date

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Docket No.: P-3763-US

## **ASSIGNMENT**

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*Hereby sell, assign and transfer to **Actelis Networks Inc.** located at 6150 Stevenson Blvd., Fremont, CA 94538,, USA, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 09/722,486 filed November 28, 2000 and is entitled*

### **MODEM WAKE-UP AT STEADY STATE IN A MODEM POOL ENVIRONMENT**

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*Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;*

*Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and*

documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: X 19/8/01  
 Witness: X Itzhak Itani [Signature]  
 X Itzhak Itani [Name]  
 X Dolov, D.N. Meilin [Address]  
ISRAEL

Date: X 12/9/01  
 Witness: X Hilay Motola [Signature]  
 X Miri Motola [Name]  
 X K. Ruchama 79180 [Address]

X Dan Goren [L.S.]  
 GOREN, Dan

X Amir Kantschuk [L.S.]  
 KANTSCHUK, Amir

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